Innovation of College English Teaching Based on Big Data

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Abstract: With the continuous development of economy and society, with the continuous improvement of information level, the rapid development of information technology has brought great changes to people's life and work. Big data is gradually applied to all walks of life in society, which brings a lot of challenges to all fields, requiring all walks of life to keep pace with the times and conform to the continuous development of informatization. At the same time, many requirements have been put forward for college English teaching, requiring college English teaching to innovate on the basis of big data. With the continuous development of social economy and informatization, the role and significance of English subjects have gradually become prominent. Teaching innovation and reform should be carried out, and teaching innovation should be carried out according to the characteristics of students at this stage to promote the overall development of students. This paper starts from the significance of college English teaching innovation based on big data, and analyzes the significance of college English teaching innovation based on big data.

Keywords: Big data; College English; Teaching innovation

With the continuous development of information technology, our society has entered the era of big data. The advent of the era of big data has changed people's lifestyles and entertainment methods. All walks of life have been continuously reformed and innovated under the influence of informatization, and certain achievements have been made. Similarly, the arrival of the era of big data has also brought opportunities and challenges to education and teaching. In the process of English teaching, college English teachers should be based on big data, innovate English teaching methods, and correctly understand college English based on big data The significance of teaching innovation is to enrich English teaching forms and teaching content through big data, establish an English teaching platform, and guide students to learn English majors in various ways, promote the all-round development of students.

1. The Significance of College English Teaching Innovation Based on Big Data

Big data is a process of collecting, classifying, analyzing and feedback a large amount of data and data with information technology as the core to provide relevant hardware support for computers and networks. Through big data, it can quickly obtain data and information needed by digital display. It plays an important role in information analysis, process and decision-making optimization [1]. Colleges and universities are important places to cultivate talents for the society. The ways and methods of cultivating students in colleges and universities directly affect the teaching quality of colleges and universities, the learning ability of college students and the ability to adapt to the society in the future. In college teaching, the most important component is English teaching, which is a subject that all students must learn. Therefore, in the process of teaching in colleges and universities, the innovation of college English teaching based on big data plays a vital role in the development of colleges and students. At present, there are still some problems in college English teaching under the background of big data, such as the old teaching mode, the lack of in-depth understanding of English teaching under the background of big data, the backward teaching content and teaching methods, etc. In view of these situations, colleges and universities should base themselves on big data, innovate teaching methods and methods, and continuously improve the level of English teaching in colleges and universities[2].

2. Strategies to College English Teaching Innovation Based on Big Data

2.1 Enrich English Teaching Forms through Big Data

In the process of English teaching in colleges and universities, most English teachers in colleges and universities adopt traditional

teaching methods and carry out classroom teaching according to the contents in textbooks and some related teaching materials. English teaching through information-based teaching can effectively improve students' enthusiasm and initiative in learning. The addition of modern information technology, especially the addition of big data forms such as multimedia computer networks, provides more for teachers' teaching work. Convenience, teaching through the big data model can expand the content of students' knowledge and information, and fully mobilize students' multiple senses, provide students with a good learning situation [3]. Students learn in a variety of ways. With the help of big data, they learn more English knowledge, enrich their English knowledge, and promote their all-round development.

For example, in the process of English teaching in colleges and universities, English teachers can use big data to teach English, such as micro-classes and rain classes. Teachers can show relevant English teaching contents to students through information technology. Incorporate complex English knowledge and English information into PowerPoint and WeChat, establish a communication bridge between extracurricular preview and classroom teaching, and enhance the interaction of classroom teaching. Teachers can use MOOC videos, exercises, phonetics, etc. Related learning content and courseware are pushed to students' mobile phones to guide students to learn consciously and enhance teacher-student interaction in the classroom teaching process. Diversified teaching forms provide students with richer teaching content, promote the improvement of students' learning ability and the accumulation of students' English knowledge, and promote the overall growth of students.

2.2 Enrich English Teaching Content through Big Data

Big data technology enriches the teaching content in colleges and universities. Teachers can use big data to realize the innovation of teaching system. In the process of traditional college English teaching, teachers usually carry out traditional teaching according to the contents in textbooks. At this stage, students not only need to learn the contents of relevant textbooks, but also need to broaden their knowledge and enrich their knowledge. In the usual college English teaching process, Jiang's extracurricular knowledge is introduced into the classroom. These rich and diverse knowledge will attract students' attention and stimulate students' interest in learning. In the process of college English classroom teaching, it is very necessary to expand and extend the teaching content appropriately. The introduction of extracurricular knowledge into classroom teaching brings more vitality to classroom teaching, stimulates students' understanding of relevant knowledge and interest in learning, and promotes students' all-round development.

For example, teachers can download some English movies, English animation, English original songs, English pictures, English news hotspots, etc. on the Internet, and integrate these contents into the classroom teaching content through information-based teaching methods, PPT or micro-classes. In the process of watching English movies, students exercise their English expression ability and learn relevant English words through English animation and English original songs to enrich their English word accumulation. At the same time, students can learn relevant English knowledge and English grammatical expression ability by watching relevant English hot spots. Some English movies have certain educational significance, such as "The Shawshank Redemption" "Some birds dont mean to be caged.Their feathers are just too bright." "Forrest Gump" "Life was like a box of chocolates,you never know what youe gonna get." Students can not only learn knowledge from these contents, but also establish correct values and promote their all-round development.

2.3 To Establish English Teaching Platform through Big Data

In the process of English teaching in colleges and universities, attention should be paid to the construction of teaching platforms. Based on big data, an English teaching platform for colleges and universities is established. With the continuous development of information technology, with the continuous advancement of information technology, with the continuous improvement of big data, the integration of information technology and English teaching has received more and more attention. In the process of English teaching in colleges and universities, building an English platform for students can effectively promote the orderly management and full sharing of teaching resources, promote the reform of teaching mode, teaching methods and students' learning methods, and promote the continuous advancement of teaching modernization. Students make continuous progress through learning on the teaching platform.

For example, according to the teaching characteristics and teaching plans of colleges and universities, build an English teaching platform, increase capital investment, improve teaching functions, and attach importance to cultivating students' comprehensive abilities in all aspects. The online platform can create multiple sections, such as English listening section, intelligent English dialogue section, English writing practice section, etc. At the same time, it can also create English competitions and English answering questions on the English platform. Students can contact and enter the relevant sections by themselves. Students will get

corresponding points for each correct answer to a question, and students can exchange corresponding prizes according to their own points. It stimulates students' interest and motivation to learn, enables students to continuously enrich their English knowledge in the process of learning, improve English dialogue and English expression ability, improve English learning ability, and promote students' all-round development.

Concluding remarks:

To sum up, the arrival of the era of big data has brought great changes to people's lives, and has also brought great changes to people's production, work, and study, and has had a profound impact. At the same time, the arrival of the era of big data has also brought great opportunities and challenges to education and teaching, especially for college teaching, more attention should be paid to the impact of big data. As one of the necessary skills for modern college students, English should keep pace with the times, innovate more efficient teaching methods for English teaching, give full play to the role of big data, and innovate teaching methods and teaching methods according to the different characteristics of college students at this stage. Promote the continuous improvement of students' English learning ability, expand students' English learning horizons, and promote students' all-round development.

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